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"HYBRID SOCIAL NETWORK FEED GENERATION ALGORITHM"

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ABSTRACT

Existing user feed fetching and feed maintenance processes have been utilising Hybrid Push-Pull Data Distribution Models to handle user events. These distribution models have been characterised to have significantly high architectural complexity. And also the overall user specificity, processing efficiency and resource utilisation offered by these models can always be debated upon.

In this project we propose a Hybrid Feed Distribution Schema to handle this problem elegantly. Our model takes into account the frequency of query requests between individual users and classifies them into either a Push-Target user or Pull-Target user. The former is provided with prioritized data pushes and the latter with data pulls on user request basis. Thus enabling a user specific feed fetching model for data distribution.

We implement our model into a social network platform which we would deploy ourselves and demonstrate the proposed enhancement in feed data distribution between its users.

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